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## WHAT IS CLAIMED IS:

- A flexible wiring film comprising a lead of an electric conductor, and an insulating film, wherein said lead has a hole in a portion exposed from said insulating film.
- 2. The flexible wiring film according to Claim 1, wherein said hole is formed in a portion wider than a tip of said lead.
- 3. The flexible wiring film according to Claim 1 or 2, wherein said hole is of a shape selected from a circle, an elongated circle, an oval, and an elongated oval.
- 4. An apparatus comprising a lead of a flexible wiring film, a device chip electrically connected to the lead, and a sealant for sealing a connection portion between said lead and said device chip, wherein said lead has a hole formed in a portion in contact with said sealant.
- 5. A semiconductor apparatus comprising a lead of a flexible wiring film, a semiconductor device chip electrically connected to the lead, and a protecting member for protecting a surface of the semiconductor device chip, which are sealed with a sealant in a

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peripheral portion of said semiconductor device chip, wherein said lead has a hole formed in a portion in contact with the sealant.

6. The semiconductor apparatus according to Claim 5, wherein at least a part of said hole is formed in a region where a portion of the lead is sandwiched between said semiconductor device chip and said protecting member.

7. The apparatus according to Claim 4, wherein said hole is formed in a portion wider than a tip of said lead.

8. The semiconductor apparatus according to Claim 5, wherein at least one of a layer for preventing reflection of external light and a layer for preventing multiple reflection is formed between said lead and said protecting member.

9. An image pickup system comprising:

a solid-state image pickup apparatus consisting of the semiconductor apparatus as set forth in either one of Claims 5 to 8.

an optical system for focusing light on said solid-state image pickup apparatus; and

a signal processing circuit for processing an

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output signal from said solid-state image pickup apparatus.

- 10. A flexible wiring film comprising a lead of an electric conductor, and an insulating film, wherein said lead has a hole adapted to be adhered to an object.
- 11. A plexible wiring film comprising a lead of an electric conductor, and an insulating film, wherein said lead has a hole for enhancing to adhere.

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